



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

AUGUST 1942

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CHANGES IN DIRECTORY

Meat Inspection Granted

- †*64. Sieloff Packing Co., 4328 Sacramento Avenue, St. Louis, Mo.
- †*72. Minch's Wholesale Meats, Red Bluff, Calif.
- †*154. Merchants Packing Co., 3029 East Vernon Avenue, Vernon, Calif.
- †*293. Kern Valley Packing Co., R. F. D. No. 2, box 90, Bakersfield, Calif.
- †*334. Great Western Packing Co., Inc., 3115 East Vernon Avenue, Vernon, Calif.
- †*364. United Dressed Beef Co., 4360 South Soto Street, Vernon, Calif.
- †*386. Cuyamaca Meats, Inc., P. O. box 110, Main and Railroad Streets, El Cajon, Calif.
- †*490. Goldring Packing Co., 3461 East Vernon Avenue, Vernon, Calif.
- †*595. Valley Meat Packing Co., 259 South Waterman Avenue, Colton, Calif.
- †*724. Coast Packing Co., 3275 East Vernon Avenue, Vernon, Calif.
- †*769. Cornell Provision Co., 1411-1413 West Chicago Avenue, Chicago, Ill.

†No sealed cars.

*Conducts slaughtering.

- †*889. Russ Markets Inc., Eureka, Calif.
- †*898. Sterling Meat Corporation, 2501 East Vernon Avenue, Vernon, Calif.
- †*930. Shasta Valley Packing Co., Montague, Calif.
- †*959. M. Machlin Meat Packing Co., Church and Fruit Avenues, Fresno, Calif.
- 987. Anglo-American Development Corporation, 547 Twentieth Street, New York, N. Y.

Meat Inspection Extended

- 407-A. Mickelberry's Food Products Co., Bushnell, Ill., to include Mickelberry's Sausage Co.

Change of Name of Official Establishment

- 134. John J. Felin & Co., Inc., Wilmington, Del., instead of Delaware Packing Co.
- 811. Archie McFarland & Son, Salt Lake City, Utah, instead of Archie McFarland & Son, Inc.

Change of Number of Official Establishment

- 60-A. Fried & Reineman Packing Co., Pittsburgh, Pa., instead of 60.

Change of Official in Charge

Dr. C. C. Logan succeeds Dr. I. H. Kaufman as inspector in charge at Houlton, Maine, effective October 1, 1942. Dr. Logan will be acting inspector in charge from September 4 to the termination of September 30, 1942.

Dr. I. H. Kaufman succeeds Dr. L. E. Patton (transferred to Albuquerque, N. Mex., as assistant to inspector in charge) as inspector in charge at Newport, Vt., effective October 1, 1942. Dr. Kaufman will be acting inspector in charge from September 8 to the termination of September 30, 1942.

Substations Added

Bakersfield, Calif., meat inspection, under Los Angeles, Calif.
 Colton, Calif., meat inspection, under Los Angeles, Calif.
 Davisville, R. I., meat inspection (Navy work), under Providence, R. I.
 El Cajon, Calif., meat inspection, under San Diego, Calif.
 Eureka, Calif., meat inspection, under San Francisco, Calif.
 Fresno, Calif., meat inspection, under Los Angeles, Calif.
 Great Lakes, Ill., meat inspection (Navy work), under Chicago, Ill.
 Montague, Calif., meat inspection, under San Francisco, Calif.
 Red Bluff, Calif., meat inspection, under San Francisco, Calif.

Change of Location of Official Station

Albuquerque, N. Mex., investigations of external parasites of livestock, Dr. Marion Ines, in charge, 209 Federal Building Annex, instead of 23 Federal Building, Kansas City, Kans., effective September 16, 1942.

Colorado Springs, Colo., San Angelo, Tex., and Las Vegas, N. Mex., will be substations of Albuquerque, N. Mex.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JULY 1942¹

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Chicago ²	130,711	22,586	225,834	-----	412,637
Denver.....	20,010	1,507	25,505	-----	42,903
Kansas City.....	81,964	27,464	105,231	-----	175,300
New York ³	40,923	70,004	246,292	-----	155,400
Omaha.....	82,118	2,300	119,272	-----	190,739
St. Louis ⁴	55,826	44,342	118,569	-----	288,579
Sionx City.....	49,341	514	45,831	-----	136,450
South St. Paul ⁵	69,156	34,232	44,749	-----	237,667
All other stations.....	517,860	258,427	773,926	849	2,245,900
Total:					
July 1942.....	1,047,909	461,376	1,705,209	849	3,885,575
July 1941.....	967,531	445,023	1,568,689	1,466	3,005,684
7 months ended—					
July 1942.....	6,805,660	3,231,814	10,917,738	1,893	30,812,661
July 1941.....	5,909,442	3,131,758	10,358,444	3,097	26,318,656

¹ Horses slaughtered:

July 1942.....	1,898
July 1941.....	1,701
7 months ended—	
July 1942.....	13,888
July 1941.....	8,778

² Includes Elburn, Ill.³ Includes Jersey City and Newark, N. J.⁴ Includes National Stock Yards and East St. Louis, Ill.⁵ Includes Newport and St. Paul, Minn.

MEAT AND MEAT FOOD PRODUCTS PREPARED AND PROCESSED UNDER FEDERAL MEAT INSPECTION, JULY 1942

Product	Quantity	Product	Quantity
Meat placed in cure:	<i>Pounds</i>	Canned meat and meat food products—Continued.	<i>Pounds</i>
Beef.....	11,864,862	Soup.....	6,101,653
Pork.....	293,476,039	All other.....	28,267,580
Smoked and/or dried:		Bacon, sliced.....	37,094,139
Beef.....	6,120,997	Lard:	
Pork.....	181,636,295	Rendered.....	123,208,622
Sausage:		Refined.....	116,364,248
Fresh, finished.....	11,343,631	Canned.....	198,012
Smoked and/or cooked.....	78,216,208	Rendered pork fat:	
To be dried or semidried.....	10,760,033	Rendered.....	15,833,573
Loaf, headcheese, chili con carne, jellied products, etc.....	17,058,633	Refined.....	9,112,985
Cooked meat:		Canned.....	670,804
Beef.....	806,558	Oleo stock.....	12,354,580
Pork.....	26,065,460	Edible tallow.....	8,059,414
Canned meat and meat food products:		Compound containing animal fat.....	24,562,548
Beef.....	11,041,231	Oleomargarine containing animal fat.....	3,933,727
Pork.....	94,728,213	Miscellaneous.....	2,389,052
Sausage.....	29,341,085	Total.....	11,160,616,192

¹ This figure represents inspection pounds as some of the products may have been inspected and recorded more than once due to having been subjected to more than one distinct processing treatment, such as curing first and then canning.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JULY 1942

State or Territory	Tuberculin tests during month		Total to date ¹			Inspector in charge	State official
	Cattle tested	Cattle re-acted	Once-tested-free herds	Accred-ited herds	Herds under super-vision		
Alabama.....	2,344	0	270,875	630	271,445	R. E. Jackson...	R. S. Sugg, Auburn.
Arizona.....	678	0	12,236	4	12,593	F. L. Schneider...	T. B. Jones, Phoenix.
Arkansas.....	2,093	1	228,256	1	228,257	A. W. Rice.....	Joe S. Campbell, Little Rock.
California.....	97,316	132	74,598	17	74,669	H. M. O'Rear....	C. U. Duckworth, Sacra-mento.
Colorado.....	2,254	12	60,611	31	60,846	Edgar Heiny....	R. M. Gow, Denver.
Connecticut.....	6,818	24	213	17,405	18,854	R. L. Smith.....	Claude Jones, Hartford.
Delaware.....	1,589	0	6,334	2,121	8,464	O. L. Lockwood..	Harry McDaniel, Jr., Dover.
Dist. of Col.....	0	0	15	2	17	A. E. Wight.....	
Florida.....	2,842	0	40,749	61	67,656	T. H. Apple-white.	J. V. Knapp, Tallahassee.
Georgia.....	2,046	0	242,532	65	242,626	W. C. Dendinger..	Tom Linder, Atlanta.
Idaho.....	3,279	3	51,174	29	51,270	F. F. Fischer....	A. P. Schneider, Boise.
Illinois.....	81,781	117	233,387	713	243,433	A. K. Kuttler....	C. E. Fidler, Springfield.
Indiana.....	11,022	12	146,134	1,310	147,750	W. A. Sullivan...	J. L. Axby, Indianapolis.
Iowa.....	21,524	86	0	440	194,440	J. A. Barger.....	C. C. Franks, Des Moines.
Kansas.....	5,168	6	170,338	185	171,032	Ralph Graham....	Will J. Miller, Topeka.
Kentucky.....	3,958	0	163,647	29	163,867	E. E. Coshow....	L. B. Breck, Frankfort.
Louisiana.....	5,498	21	148,748	0	148,804	W. A. McDon-ald.	E. P. Flower, Baton Rouge.
Maine.....	1,472	0	43,571	150	43,817	B. J. Cady.....	D. P. Corbett, Augusta.
Maryland.....	20,603	13	29,450	14,743	44,271	O. L. Lockwood..	Mark Welsh, Baltimore.
Massachusetts.....	7,147	25	1,061	20,695	21,598	E. M. Aldrich....	Jas. DeNormandie, Boston.
Michigan.....	19,766	11	206,988	64	207,087	C. H. Hays.....	C. H. Clark, Lansing.
Minnesota.....	84,873	30	188,488	784	189,422	W. J. Fretz.....	Ralph L. West, St. Paul.
Mississippi.....	2,447	8	260,164	4	260,180	Hartwell Rob-bins.	E. S. Brashier, Jackson.
Missouri.....	2,346	1	237,707	62	239,687	E. C. Hughes....	J. W. George, Jefferson City.
Montana.....	1,940	1	72,999	20	73,033	G. W. Cronen....	W. J. Butler, Helena.
Nebraska.....	5,426	18	134,887	33	135,227	J. W. Murdoch....	J. R. Snyder, Lincoln.
Nevada.....	0	0	3,517	2	3,441	S. H. Still.....	W. B. Earl, Reno.
New Hampshire.....	193	2	654	17,482	18,914	E. M. Aldrich....	R. W. Smith, Concord.
New Jersey.....	8,094	16	1,876	14,193	16,174	J. R. Porteus....	R. A. Hendershott, Trenton.
New Mexico.....	1,010	1	22,104	2	25,450	F. L. Schneider..	Sam McCue, Albuquerque.
New York.....	94,826	132	6,674	131,832	139,044	H. B. Leonard....	E. T. Faulder, Albany.
North Carolina.....	3,101	0	256,170	519	256,689	A. A. Husman....	William Moore, Raleigh.
North Dakota.....	1,251	13	65,403	40	68,003	F. C. Driver.....	T. O. Brandenburg, Bis-marck.
Ohio.....	8,834	20	211,507	651	242,257	A. J. DeFosset...	F. L. Carr, Columbus.
Oklahoma.....	2,347	0	276,267	24	276,320	C. H. Fauks.....	D. H. Ricks, Oklahoma City.
Oregon.....	6,923	25	213,835	2,081	213,856	S. B. Foster.....	W. H. Lytle, Salem.
Pennsylvania.....	50,847	277	159,142	6,943	166,085	J. B. Reidy.....	C. P. Bishop, Harrisburg.
Rhode Island.....	2,299	2	2,343	1,299	4,137	E. M. Aldrich....	R. G. Bressler, Providence.
South Carolina.....	1,144	0	57,323	91	57,417	W. K. Lewis.....	W. K. Lewis, Columbia.
South Dakota.....	18,506	39	73,290	3	73,365	Neil Plank.....	R. S. Robinson, Pierre.
Tennessee.....	6,199	8	294,896	24	294,937	H. L. Fry.....	C. E. Kord, Nashville.
Texas.....	16,339	25	282,815	62	372,281	H. L. Darby.....	T. O. Booth, Fort Worth.
Utah.....	4,616	30	87,101	128	87,439	H. H. Cohenour...	J. I. Curtis, Salt Lake City.
Vermont.....	4,062	53	5,757	17,192	22,991	N. H. Howlett....	E. H. Jones, Montpelier.
Virginia.....	8,280	26	198,963	475	199,509	H. S. Miller.....	H. C. Givens, Richmond.
Washington.....	9,967	10	76,405	16	76,475	J. C. Exline.....	M. O. Barnes, Olympia.
West Virginia.....	3,395	3	114,632	599	115,235	H. M. Newton....	T. C. Green, Charleston.
Wisconsin.....	97,472	129	177,656	6,348	181,365	J. S. Healy.....	V. S. Larson, Madison.
Wyoming.....	739	4	20,388	2	20,398	F. H. Melvin....	H. D. Port, Cheyenne.
Hawaii.....	134	1	1,800	0	1,800	A. H. Julien.....	E. H. Willers, Honolulu.
Puerto Rico.....	7,190	30	62,498	0	62,568	E. E. Maas.....	Isidoro A. Colon, San Juan.
Virgin Islands.....	0	0	419	0	420do.....	Ralph L. Williams, Chris-tiansted.
Total.....	753,998	1,370	5,728,597	259,606	6,319,906		

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH STATES, JULY 1942 ¹

State	Tests of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month ³	Modified accredited counties	Total accredited		Herds under supervision	Total cattle on waiting list
			Herds tested	Cattle tested	Reactors				Herds	Cattle		
	Herds tested	Cattle tested			For slaughter	Held in calfhood vaccinated herds ²						
Alabama.....	2,532	18,802	178	11,063	950	62	318	31	752	127,986	130,770	71,503
Arizona.....	61	845	8	221	1	14	28	0	9	776	4,136	1,000
Arkansas.....	681	11,588	142	5,797	333	0	43	63	0	0	213,415	0
Colorado.....	121	1,478	19	315	11	40	107	0	24	1,186	2,584	4,185
Connecticut.....	96	2,286	31	907	76	0	39	0	401	11,093	6,387	0
Delaware.....	162	1,765	33	510	121	0	102	1	346	7,110	6,386	191
Florida.....	1,025	24,142	131	11,397	374	7	239	1	284	19,000	25,045	0
Georgia.....	1,268	11,939	132	5,226	570	0	65	26	2,261	34,866	128,846	206,090
Idaho.....	451	3,899	77	1,064	146	29	355	8	2,834	34,866	44,054	0
Illinois.....	260	5,020	89	1,720	145	70	149	0	524	12,162	13,638	0
Indiana.....	181	2,177	12	252	16	0	0	0	6,206	112,512	4,751	914
Iowa.....	640	10,232	254	4,779	1,070	0	131	0	3,203	57,720	27,918	7,089
Kansas.....	406	4,239	40	472	74	0	0	0	310	9,711	4,978	2,123
Kentucky.....	158	2,970	33	1,262	57	15	22	0	89	2,020	37,581	4,850
Louisiana.....	130	3,066	61	3,121	222	269	1,634	20	0	0	64,165	27,652
Maine.....	1,399	8,808	110	1,591	184	0	93	1	283	4,825	11,563	0
Maryland.....	1,157	11,414	154	2,878	288	23	417	4	3,693	62,022	24,182	1,138
Massachusetts.....	8	212	1	20	0	11	103	0	83	3,490	83	0
Michigan.....	1,290	11,934	252	3,295	640	55	161	26	3,134	52,721	27,724	3,475
Minnesota.....	2,803	36,587	243	5,498	837	0	0	19	30	841	89,730	18,148
Mississippi.....	876	6,094	34	1,961	82	0	0	4	465	10,072	7,621	0
Missouri.....	535	6,245	102	1,811	259	0	0	0	57	2,833	84,807	0
Montana.....	116	1,413	13	495	41	11	141	0	15	682	2,944	0
Nebraska.....	92	1,055	20	336	48	0	14	0	412	7,235	8,625	1,607
Nevada.....	12	251	1	25	0	1	26	0	42	1,775	216	0
New Hampshire.....	1,348	10,067	193	2,311	378	0	0	0	4,850	44,487	10,071	256
New Jersey.....	298	5,534	57	2,428	91	22	155	0	315	8,759	1,176	0
New Mexico.....	153	2,240	22	1,035	19	7	31	0	5	204	10,024	2,000
New York.....	530	12,670	269	8,011	87	1,452	1,505	0	1,441	42,403	5,429	0
North Carolina.....	621	9,336	57	1,981	97	0	2	100	651	26,758	249,084	0
North Dakota.....	1,184	17,506	185	3,092	392	73	126	24	26	2,158	50,930	212,631
Ohio.....	1,038	11,029	110	1,943	258	0	149	4	2,725	51,015	57,784	33,000
Oklahoma.....	617	8,288	136	3,015	284	3	75	0	931	18,923	46,578	2,870
Oregon.....	1,415	12,187	76	2,548	278	21	131	16	0	0	103,431	0
Pennsylvania.....	2,817	40,569	589	11,847	1,513	0	213	18	6,443	134,647	74,088	22,682
Rhode Island.....	17	281	3	135	6	0	0	0	21	574	141	0
South Carolina.....	452	3,406	17	748	26	5	5	8	82	5,532	37,388	2,500
South Dakota.....	66	1,033	21	618	15	35	64	0	163	3,553	2,050	10,000
Tennessee.....	342	7,454	146	5,478	297	112	218	7	447	15,780	45,870	2,000
Texas.....	303	6,832	37	3,198	75	0	112	0	1,383	18,819	2,407	0
Utah.....	195	2,056	49	913	131	0	191	2	0	0	32,546	0
Vermont.....	580	8,685	260	5,947	0	471	1,527	0	297	9,276	2,522	1,767
Virginia.....	802	11,716	116	4,487	271	0	0	75	259	13,856	190,769	84,881
Washington.....	1,428	14,762	165	5,187	560	67	1,396	17	0	0	68,883	0
West Virginia.....	1,255	8,551	57	1,245	117	0	4	27	268	9,762	68,056	0
Wisconsin.....	642	16,422	352	9,280	1,139	0	213	8	33,668	665,052	82,204	1,150
Wyoming.....	96	1,190	26	490	33	48	61	0	4	245	3,275	0
Total.....	32,659	401,415	5,113	141,956	12,612	2,973	10,300	549	77,201	1,616,702	2,111,105	725,702

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

² Nonvaccinated reactors held during the month.

³ Calves in experimental herds not included.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, JULY 1942*Anti-hog-cholera serum*

Period	Preserved	Completed	Released	Destroyed
	Cc.	Cc.	Cc.	Cc.
July 1942.....	135, 377, 075	144, 703, 098	191, 554, 220	741, 970
July 1941.....	108, 973, 579	111, 494, 321	162, 675, 275	538, 495
7 months ended—				
July 1942.....	856, 729, 165	850, 334, 680	886, 829, 590	4, 180, 821
July 1941.....	714, 003, 382	708, 276, 987	720, 498, 320	3, 248, 120

Hog-cholera virus

Period	Produced			Destroyed	
	Simultaneous	Hyperimmunizing	Inoculating	Simultaneous	Hyperimmunizing
	Cc.	Cc.	Cc.	Cc.	Cc.
July 1942.....	14, 593, 295	29, 975, 582	144, 780	527, 772	1, 240, 747
July 1941.....	16, 323, 233	23, 752, 321	113, 359	515, 155	1, 268, 674
7 months ended—					
July 1942.....	75, 735, 990	177, 434, 133	861, 752	3, 011, 756	8, 090, 068
July 1941.....	64, 188, 488	143, 051, 989	598, 744	2, 244, 340	5, 845, 236

INSPECTIONS AND TESTS IN THE PRODUCTION OF ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS UNDER LICENSES, JULY 1942

Period	Animal inspections	Animal rejections	Pigs inoculated	Hogs hypered	Tests supervised	
					Serum	Virus
July 1942.....	434, 831	5, 241	44, 634	23, 726	767	472
July 1941.....	377, 751	5, 813	39, 834	18, 060	713	494
7 months ended—						
July 1942.....	2, 602, 600	34, 363	248, 072	137, 249	3, 602	2, 204
July 1941.....	2, 114, 429	25, 736	198, 095	111, 059	2, 883	1, 913

BIOLOGICAL PRODUCTS, OTHER THAN ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS, PRODUCED BY LICENSED ESTABLISHMENTS DURING FISCAL YEAR ENDED JUNE 30, 1942

ANTITOXINS		Cubic centimeters
Antivenin.....		57, 500
Botulinus antitoxin.....		708, 700
Tetanus antitoxin.....		1, 554, 855
Total.....		2, 321, 055

SERUMS		Cubic centimeters
Abortifacient serum (canine).....		14, 620
Antianthrax serum.....		6, 771, 400
Antibacterial serum (bovine).....		1, 831, 350
Antibacterial serum (canine).....		1, 697, 550
Antibacterial serum (equine).....		1, 411, 680
Antibacterial serum (feline).....		298, 730
Antibacterial serum (porcine).....		194, 750
Antiblackleg serum.....		152, 500
Anti-bronchisepticus-bacillus serum.....		26, 580
Anti-bronchisepticus-coli-pasteurella serum.....		126, 350
Anti-canine-distemper serum.....		8, 391, 030
Anti-coli-enteritidis-pasteurella serum.....		295, 420
Anti-colon-bacillus serum.....		231, 090

**BIOLOGICAL PRODUCTS, OTHER THAN ANTI-HOG-CHOLERA SERUM
AND HOG-CHOLERA VIRUS, PRODUCED BY LICENSED ESTABLISH-
MENTS DURING FISCAL YEAR ENDED JUNE 30, 1942—Continued**

SERUMS—Continued

		<i>Cubic centimeters</i>
Antiencephalomyelitis serum:		
Eastern.....		40, 200
Western.....		2, 213, 800
Eastern and western.....		247, 350
Anti-feline-distemper serum.....		49, 915
Anti-hemorrhagic-septicemia serum.....		11, 667, 080
Antistreptococcus serum.....		213, 140
Anti-swine-erysipelas serum.....		38, 472, 300
Gonadin serum.....		677, 070
Normal serum:		
Bovine origin.....		394, 000
Canine origin.....		355, 750
Equine origin.....		2, 435, 350
Total.....		78, 209, 005

AGGRESSINS

	<i>Disks</i>	<i>Cubic centimeters</i>
Blackleg cultural aggressin.....	47, 770	6, 492, 630
Blackleg natural aggressin.....		11, 063, 625
Hemorrhagic-septicemia aggressin.....		5, 849, 150
Total.....	47, 770	23, 405, 405

DIAGNOSTICS

	<i>Disks</i>	<i>Cubic centimeters</i>
Avian tuberculin.....		7, 099
Mallein:		
Intradermic.....		367
Ophthalmic.....	3, 735	2, 466
Tuberculin:		
Intradermic.....		161, 842
Ophthalmic.....	16, 570	392
Subcutaneous.....		59, 940
Total.....	20, 305	232, 106

TOXOIDS

	<i>Cubic centimeters</i>
Staphylococcus aureus toxoid.....	13, 860
Tetanus toxoid.....	2, 021, 060
Total.....	2, 034, 920

VACCINES AND VIRUSES

	<i>Milligrams</i>	<i>Disks</i>	<i>Cubic centimeters</i>
Anthrax spore vaccine.....		19, 000	5, 685, 137
Blackleg cultural vaccine.....			33, 333
Blackleg tissue vaccine.....		355, 010	
Brucella abortus vaccine.....			9, 844, 836
Canine-distemper vaccine.....			1, 471, 533
Canine-distemper virus.....	439, 630		50, 650
Encephalomyelitis vaccine:			
Eastern.....			161, 942
Western.....			9, 994, 674
Eastern and western.....			1, 363, 358
Erysipelothrix rhusiopathiae vaccine.....			877, 872
Feline-distemper vaccine.....			54, 330
Fowl-laryngotracheitis vaccine:			
Chick-embryo origin.....	9, 163, 980		
Chicken origin.....	864, 440		

**BIOLOGICAL PRODUCTS, OTHER THAN ANTI-HOG-CHOLERA SERUM
AND HOG-CHOLERA VIRUS, PRODUCED BY LICENSED ESTABLISH-
MENTS DURING FISCAL YEAR ENDED JUNE 30, 1942—Continued**

VACCINES AND VIRUSES—Continued

	<i>Milligrams</i>	<i>Disks</i>	<i>Cubic centimeters</i>
Fowl-pox vaccine:			
Chick-embryo origin.....	4, 918, 520	-----	-----
Chicken origin.....	7, 251, 130	-----	-----
Ovine-ecthyma vaccine.....	4, 080, 650	-----	-----
Pigeon-pox vaccine:			
Chick-embryo origin.....	930, 740	-----	-----
Pigeon origin.....	795, 610	-----	-----
Rabies vaccine.....	-----	-----	4, 801, 860
Wart vaccine.....	-----	-----	278, 675
Total.....	28, 444, 700	374, 010	34, 618, 200

BACTERINS

	<i>Disks</i>	<i>Cubic centimeters</i>
Anthrax bacterin.....	-----	2, 031, 000
Autogenous bacterin.....	-----	568, 175
Avisepticus-gallinarum bacterin.....	-----	12, 546, 305
Blackleg bacterin.....	-----	71, 256, 650
Bronchisepticus bacillus bacterin.....	-----	8, 050
Bronchisepticus-coli-pasteurella bacterin.....	-----	82, 608
Bronchisepticus-staphylococcus-streptococcus bacterin.....	-----	19, 156
Bronchisepticus-streptococcus-typhimurium bacterin.....	-----	16, 400
Clostridium chauvei-septicus bacterin.....	-----	3, 929, 895
Clostridium chauvei-welehii bacterin (export only).....	-----	1, 054, 230
Clostridium hemolyticum bacterin.....	-----	3, 720, 750
Clostridium novyi bacterin.....	-----	131, 750
Coli-enteritidis bacterin.....	-----	749, 975
Coli-enteritidis-pasteurella bacterin.....	-----	290, 135
Coli-staph-strep bacterin.....	-----	222, 250
Colon bacillus bacterin.....	-----	68, 895
Felisepticus bacillus bacterin.....	-----	2, 310
Gallinarum-typhimurium bacterin.....	-----	293, 715
Hemorrhagic-septicemia bacterin.....	-----	49, 407, 795
Pasteurella avicida bacterin.....	-----	1, 350, 285
Pasteurella-pseudodiphthericum bacterin.....	-----	14, 383, 920
Pasteurella-salmonella cholerae-suis bacterin.....	-----	197, 850
Salmonella abortus-equina bacterin.....	-----	28, 990
Salmonella cholerae-suis bacterin.....	-----	539, 520
Staphylococcus bacterin.....	-----	32, 875
Staphylococcus-streptococcus bacterin.....	9, 760	1, 430, 695
Streptococcus bacterin.....	-----	570, 390
Total.....	9, 760	164, 964, 569

MIXED BACTERIN

	<i>Cubic centimeters</i>
Mixed bacterin (avian).....	19, 051, 714
Mixed bacterin (bovine).....	47, 360, 841
Mixed bacterin (canine).....	294, 621
Mixed bacterin (equine).....	3, 296, 893
Mixed bacterin (feline).....	66, 820
Mixed bacterin (lepine).....	3, 515
Mixed bacterin (ovine).....	9, 638, 785
Mixed bacterin (porcine).....	23, 856, 485
Total.....	103, 569, 674

Grand total:

Cubic centimeters.....	499, 354, 934
Disks.....	451, 845
Milligrams.....	28, 444, 700

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

Twenty-Eight-Hour Law

Atchison, Topeka & Santa Fe Railway Co. (2 cases), \$200 penalties.
Baltimore & Ohio Railroad Co. (3 cases), \$300 penalties.
Central Railroad Co. of New Jersey (2 cases), \$200 penalties.
Chicago, Milwaukee, St. Paul & Pacific Railroad, \$10 penalty.
Grand Trunk Western Railroad Co., \$100 penalty.
Lehigh Valley Railroad Co. (2 cases), \$200 penalties.
Missouri Pacific Railroad Co., \$100 penalty.
New York Central Railroad Co., \$100 penalty.
Northern Pacific Railway Co., \$100 penalty.
Pennsylvania Railroad Co. (37 cases), \$3,700 penalties.
Southern Pacific Co. (4 cases), \$400 penalties.
Union Pacific Railroad Co., \$100 penalty.
Wabash Railroad Co., \$100 penalty.

Meat Inspection Act

For offering uninspected meat for interstate shipment:

National Meat Co., Boston, Mass., \$20 fine. (M. I. case No. 1964.)
New York Beef & Veal Co., Boston, Mass., \$20 fine. (M. I. case No. 1962.)
Walter Products Co., Chicago, Ill., \$10 fine. (M. I. case No. 1958.)

CONFORMANCE WITH WARTIME INFORMATION POLICIES

The Bureau is in receipt of several communications from Government agencies dealing with wartime information policies that concern employees both in Washington and the field. The communications are from Stephen Early, Secretary to the President; Elmer Davis, Director, Office of War Information; and Morse Salisbury, Director of Information of the Department of Agriculture. The basic purpose of the information is to provide for the continuance of cooperative relations between Government agencies on the one hand and the press and radio facilities on the other, in a manner that will strengthen this country's war effort and not aid the enemy.

The substance of the various memoranda, so far as employees of the Bureau of Animal Industry are concerned, is briefly as follows: Employees should be unusually careful in the distribution of all types of information whether given verbally or in any kind of written form. They should inform themselves fully on matters concerning which they furnish information and preferably discuss subjects within their own field of activity or scope of their technical knowledge. No information, aside from that previously published, should be given concerning the import or export of commodities or the inspection of commodities intended for import or export. Statements involving interpretations of factual data should preferably be referred to the Washington office for approval prior to their issuance either in written or interview form. For instance, the production and current use of large quantities of anti-hog-cholera serum do not necessarily imply an increase in hog-cholera outbreaks. Such use may be merely the result of increased numbers of hogs and increased value per head. Also, an official request for a specified step-up in production does not mean maximum production. Thus, as representatives of the Department of Agriculture, employees should be especially careful in making statements likely to affect food programs or farm practices. The distribution of factual information is, in general, safer and more advisable than venturing personal opinions on matters involving economic or military problems.

The various communications received from the agencies previously mentioned provide for an orderly system of official review of various types of information relating directly or indirectly to the war and to the activities of the Department that are geared closely with the Nation's war effort. When circumstances make it desirable for Bureau employees to write or speak publicly on subjects relating to the work of other branches of the Government or to the war, the manuscript should be submitted to the Washington office for approval at least 10 days beforehand. To expedite official clearance of this class of material, two extra carbon copies should accompany the original manuscript. No changes are involved in

the procedures of submitting scientific material relating closely to Bureau work. The purpose of this notice is to acquaint employees with the situation outlined and to request full cooperation and compliance.

REVISED EDITIONS OF BOOKS, DISEASES OF CATTLE AND DISEASES OF THE HORSE

Early in October of this year revised editions of the two volumes, Diseases of Cattle and Diseases of the Horse, will be issued by the Government Printing Office. Although the revisions of the books were prepared in the Bureau of Animal Industry, the volumes have been issued as Congressional documents by direction of Congress and allotted to Congressmen and Senators for distribution. The Bureau has purchased a small number of copies that will be distributed among offices, whose work relates to horse or cattle diseases, in Washington and the field.

Aside from these office copies, to be used for reference, the Bureau will have none of the books for distribution. Accordingly, employees should advise persons making inquiries concerning these books that the supply for free distribution has been allotted to members of Congress, and that the books are for sale by the Superintendent of Documents, Government Printing Office. The price of each book, is \$1.75.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Circular 654. Cross-Section-Area Method for Determining Density of Wool Fibers. By John I. Hardy and Harold W. Wolf, Animal Husbandry Division. Pp. 11, figs. 5.

Journal of Agricultural Research Separate A-211. Stomach Worm (*Haemonchus contortus*) Infection in Lambs and Its Relation to Gastric Hemorrhage and General Pathology. By John S. Andrews, Zoological Division. Pp. 18, illus.

Yearbook Separate 1872. Protective Mechanisms Against Disease. By Adolph Eichhorn, Animal Disease Station; Merritt P. Sarles, Zoological Division; and N. R. Ellis, Animal Nutrition Division. Pp. 138-154.

Yearbook Separate 1874. The Relation of Genetics to Disease. By Hugh C. McPhee, Animal Husbandry Division. Pp. 167-174.

Yearbook Separate 1878. Regulatory Activities in Animal-Disease Control. By A. W. Miller, Interstate Inspection Division; S. O. Fladness, Field Inspection Division; A. E. Wight, Tuberculosis Eradication Division; D. I. Skidmore, Virus-Serum Control Division; E. C. Joss, Meat Inspection Division; and H. E. Moskey, Food and Drug Administration, Federal Security Agency. Pp. 209-226.

Yearbook Separate 1880. Tuberculosis and Its Eradication. By A. E. Wight, Elmer Lash, and H. M. O'Rear, Tuberculosis Eradication Division; and A. B. Crawford, Animal Disease Station. Pp. 237-249.

Yearbook Separate 1883. Parasites and Insects Affecting Livestock. By Benjamin Schwartz, Zoological Division, and F. C. Bishopp, Bureau of Entomology and Plant Quarantine. Pp. 276-294.

Yearbook Separate 1885. Nutritional Diseases of Farm Animals. By Louis L. Madsen, Animal Nutrition Division. Pp. 323-353.

Yearbook Separate 1887. Part 3. Common Diseases and Parasites of Horses and Mules: Equine Encephalomyelitis. By L. T. Giltner and M. S. Shahan, Pathological Division, pages 375-391. Equine Infectious Anemia, or Swamp Fever. By C. D. Stein, Pathological Division, pages 392-401. Periodic Ophthalmia of Horses. By L. O. Mott and H. R. Seibold, Pathological Division, pages 402-408. Glanders. By T. W. Cole, Field Inspection Division, pages 409-412. Dourine. By T. W. Cole, Field Inspection Division, pages 413-416. Miscellaneous Diseases of Equines. By L. O. Mott, M. S. Shahan, and L. T. Giltner, Pathological Division; and A. H. Frank, Animal Disease Station, pages 417-458. Internal Parasites of Horses and Mules. By Aurel O. Foster, Zoological Division, pages 359-475. Mange in Equines. By Marion Imes, Zoological Division, pages 476-481. Horse Bots and Their Control. By F. C. Bishopp, Bureau of Entomology and Plant Quarantine, and Benjamin Schwartz, Zoological Division, pages 482-491. Some Insect Pests of Horses and Mules. By F. C. Bishopp, Bureau of Entomology and Plant Quarantine, pages 492-500.

Yearbook Separate 1888. Part 4. Diseases and Parasites of Cattle: Brucellosis of Cattle. By Elmer Lash and H. M. O'Rear, Tuberculosis Eradication

Division, pages 501-511. *Johne's Disease*. By B. T. Simms and H. W. Johnson, Regional Animal Disease Research Laboratory, Auburn, Ala.; and William M. Mohler, Pathological Division, pages 512-517. *Bovine Mastitis*. By W. T. Miller, Animal Disease Station, pages 518-522. *Blackleg*. By William M. Mohler, Pathological Division, pages 523-525. *Shipping Fever, or Hemorrhagic Septicemia*. By C. D. Stein, Pathological Division, pages 526-532. *Milk Fever*. By L. T. Giltner, Pathological Division, pages 533-536. *Miscellaneous Diseases of Cattle*. By G. T. Creech, R. L. Knudson, and O. L. Osteen, Pathological Division, pages 537-564. *Cattle Coccidiosis*. By Donald C. Boughton, Regional Animal Disease Research Laboratory, Auburn, Ala., pages 565-571. *Cattle Tick Fever*. By W. M. MacKellar, Division of Tick Eradication and Special Diseases, pages 572-578. *Anaplasmosis: A Disease of Cattle*. By George W. Stiles, Pathological Division, pages 579-587. *Cattle Scab and Its Control*. By Rudolph Snyder, Interstate Inspection Division, pages 588-592. *Tapeworm and Roundworm Parasites of Cattle*. By Dale A. Porter, Regional Animal Disease Research Laboratory, Auburn, Ala., pages 593-604. *Bovine Genital Trichomoniasis*. By G. Dikmans, Zoological Division, pages 605-611. *Cattle Grubs, or Heel Flies*. By E. W. Laake, F. C. Bishopp, and R. W. Wells, Bureau of Entomology and Plant Quarantine, pages 612-619. *The Stablefly*. By F. C. Bishopp and E. W. Laake, Bureau of Entomology and Plant Quarantine, pages 620-625. *The Horn Fly*. By W. G. Bruce, Bureau of Entomology and Plant Quarantine, pages 626-630. *Cattle Lice*. By O. G. Babcock and E. C. Cushing, Bureau of Entomology and Plant Quarantine, pages 631-635. *Cattle Injuries Caused by Ingesting Foreign Objects*. By L. T. Giltner, Pathological Division, and John A. Patton, Meat Inspection Division, pages 636-641. *Paint Poisoning in Cattle*. By L. T. Giltner, Pathological Division, pages 642-644. *Nutritional Diseases of Cattle*. By Louis L. Madsen, Animal Nutrition Division, pages 645-672.

AMENDMENTS TO DEPARTMENT REGULATIONS

The following amendments to the regulations of the Department have been issued:

Amendment 147, covering regulations 1522, 1523, 1580, 2531, 2532, and 2561.

Amendment 148, covering regulations 1837 and 1838.

Amendment 149, covering regulations 3348, 3435, and 4121.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: JOHN R. MOHLER.

Assistant Chief: A. W. MILLER.

Assistant Chief: HUGH C. MCPHEE.

Assistant Chief: HARRY W. SCHOENING.

Assistant Chief: PAUL E. HOWE.

Business Manager: J. R. COHRAN.

Assistant Business Manager: N. A. OLMSTEAD.

Assistant to Chief: D. S. BURCH.

Animal Husbandry Division: HUGH C. MCPHEE, Chief.

Division of Tick Eradication and Special Diseases: W. M. MACKELLAR, Chief.

Division of Virus-Serum Control: D. I. SKIDMORE, Chief.

Field Inspection Division: S. O. FLADESS, Chief.

Interstate Inspection Division: A. W. MILLER, Chief.

Meat Inspection Division: EDWARD C. JOSS, Chief.

Pathological Division: HARRY W. SCHOENING, Chief.

Tuberculosis Eradication Division: A. E. WIGHT, Chief.

Zoological Division: BENJAMIN SCHWARTZ, Chief.

Animal Disease Station: ADOLPH EICHHORN, Director.

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